

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14296	((428/690,917) or (313/504,506) or (257/40,E51.032,E51.036,E51.044)).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/23 16:12
L2	715	(252/301.35).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/23 16:12
L3	805	(528/8,394,397).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/23 16:12
L4	541	(528/9,395).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/23 16:12
L5	802	(528/423).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/23 16:13
L6	28097	phosphores\$5 or electrophosphores\$5 or (triplet with (emit\$5 or emiss\$5 or energy or excit\$6))	US-PGPUB; USPAT	OR	ON	2010/05/23 16:13
L7	199	2 and 6	US-PGPUB; USPAT	OR	ON	2010/05/23 16:13
L8	135	(3 or 4 or 5) and 6	US-PGPUB; USPAT	OR	ON	2010/05/23 16:13
L9	52807	conjugat\$5 with (polymer\$5 or copolymer\$5 or terpolymer\$5)	US-PGPUB; USPAT	OR	ON	2010/05/23 16:13
L10	98	8 and 9	US-PGPUB; USPAT	OR	ON	2010/05/23 16:13
L11	98	7 and 9	US-PGPUB; USPAT	OR	ON	2010/05/23 16:13
L12	75	11 not 10	US-PGPUB; USPAT	OR	ON	2010/05/23 16:14
L13	19815	6 and (chelate\$5 or complex\$5 or coordinat\$5 or organometal\$5 or ligand)	US-PGPUB; USPAT	OR	ON	2010/05/23 16:14
L14	256	(7 or 8) and 13	US-PGPUB; USPAT	OR	ON	2010/05/23 16:14

L15	90	14 not (10 or 11)	US- PGPUB; USPAT	OR	ON	2010/05/23 16:14
L16	910	1 and 9 and 13	US- PGPUB; USPAT	OR	ON	2010/05/23 16:15
L17	100606	(chelate\$ or complex\$ or coordination\$ or organometal\$ or ligand) same (terminal or terminus)	US- PGPUB; USPAT	OR	ON	2010/05/23 16:15
L18	2376	(chelate\$ or complex\$ or coordination\$ or organometal\$ or ligand) same (endcap\$ or (end adj cap\$))	US- PGPUB; USPAT	OR	ON	2010/05/23 16:15
L19	28	16 and 18	US- PGPUB; USPAT	OR	ON	2010/05/23 16:16
L20	36	16 and 17	US- PGPUB; USPAT	OR	ON	2010/05/23 16:16
L21	24	20 not 19	US- PGPUB; USPAT	OR	ON	2010/05/23 16:17
L22	108	6 and 18	US- PGPUB; USPAT	OR	ON	2010/05/23 16:17
L23	80	22 not (19 or 20)	US- PGPUB; USPAT	OR	ON	2010/05/23 16:17
L24	22	18 and (2 or 3 or 4 or 5)	US- PGPUB; USPAT	OR	ON	2010/05/23 16:18
L25	11	24 not (19 or 20)	US- PGPUB; USPAT	OR	ON	2010/05/23 16:18
L26	96	17 and (2 or 3 or 4 or 5)	US- PGPUB; USPAT	OR	ON	2010/05/23 16:18
L27	76	26 not (19 or 20 or 22 or 24)	US- PGPUB; USPAT	OR	ON	2010/05/23 16:19
L28	5601	6 and oligomer\$	US- PGPUB; USPAT	OR	ON	2010/05/23 16:19
L29	1340	1 and 28	US- PGPUB; USPAT	OR	ON	2010/05/23 16:19
L30	5043	conjugate\$ with oligomer\$	US- PGPUB; USPAT	OR	ON	2010/05/23 16:19

L31	414	6 and 30	US-PGPUB; USPAT	OR	ON	2010/05/23 16:20
L32	134	1 and 31	US-PGPUB; USPAT	OR	ON	2010/05/23 16:20
L33	119	32 not (10 or 11 or 14 or 19 or 20 or 22 or 24 or 26)	US-PGPUB; USPAT	OR	ON	2010/05/23 16:20
L34	21235	(chelate\$ or complex\$ or coordinate\$ or organometal\$ or ligand) same ((main adj chain) or backbone or (back adj bone))	US-PGPUB; USPAT	OR	ON	2010/05/23 16:20
L35	18974	(chelate\$ or complex\$ or coordinate\$ or organometal\$ or ligand) same ((side adj chain) or pendant)	US-PGPUB; USPAT	OR	ON	2010/05/23 16:21
L36	449	6 and 9 and 34	US-PGPUB; USPAT	OR	ON	2010/05/23 16:21
L37	334	6 and 9 and 35	US-PGPUB; USPAT	OR	ON	2010/05/23 16:21
L38	131	1 and 36	US-PGPUB; USPAT	OR	ON	2010/05/23 16:21
L39	64	(2 or 3 or 4 or 5) and 36	US-PGPUB; USPAT	OR	ON	2010/05/23 16:21
L40	53	(38 or 39) not (10 or 11 or 14 or 19 or 20 or 22 or 24 or 26 or 32)	US-PGPUB; USPAT	OR	ON	2010/05/23 16:22
L43	96	1 and 37	US-PGPUB; USPAT	OR	ON	2010/05/23 16:25
L44	54	(2 or 3 or 4 or 5) and 37	US-PGPUB; USPAT	OR	ON	2010/05/23 16:25
L45	10	(43 or 44) not (10 or 11 or 14 or 19 or 20 or 22 or 24 or 26 or 32 or 38 or 39)	US-PGPUB; USPAT	OR	ON	2010/05/23 16:25
L46	4291	6 same (polymer\$ or copolymer\$ or terpolymer\$)	US-PGPUB; USPAT	OR	ON	2010/05/23 16:26
L47	203	46 and (dialkylfluorene\$ or dioctylfluorene\$)	US-PGPUB; USPAT	OR	ON	2010/05/23 16:26
L48	1517	46 and (iridium or irppy\$ or phenylpyridine or fluorophenylpyridine or difluorophenylpyridine)	US-PGPUB; USPAT	OR	ON	2010/05/23 16:26

L49	148	47 and 48	US-PGPUB; USPAT	OR	ON	2010/05/23 16:26
L50	73	49 not (10 or 11 or 14 or 19 or 20 or 22 or 24 or 26 or 32 or 38 or 39 or 43 or 44)	US-PGPUB; USPAT	OR	ON	2010/05/23 16:28
L51	39	47 not (10 or 11 or 14 or 19 or 20 or 22 or 24 or 26 or 32 or 38 or 39 or 43 or 44 or 49)	US-PGPUB; USPAT	OR	ON	2010/05/23 16:30
L52	1775	6 and (34 or 35)	US-PGPUB; USPAT	OR	ON	2010/05/23 16:30
L53	902	52 and (electrode or anode or cathode)	US-PGPUB; USPAT	OR	ON	2010/05/23 16:31
L54	479	53 and iridium	US-PGPUB; USPAT	OR	ON	2010/05/23 16:31
L55	331	54 not (10 or 11 or 14 or 19 or 20 or 22 or 24 or 26 or 32 or 38 or 39 or 43 or 44 or 47)	US-PGPUB; USPAT	OR	ON	2010/05/23 16:32
L56	16	(marsitzky or heuer or wehrmann or elschner or reuter or sautter). in. and 6	US-PGPUB; USPAT	OR	ON	2010/05/23 16:33

**5/ 23/ 2010 4:34:28 PM**

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